CHAPTER 8

RIGGING THE M167A2 GUN WITH THE 1 1/4-TON TRUCK (HMMWV) AND ACCOMPANYING AMMUNITION ON A TYPE V PLATFORM FOR LOW-VELOCITY AIRDROP

8-1. Description of Load

The M167A2, 20-millimeter gun is rigged with the 1 1/4-ton truck (HMMWV) as its prime mover and an accompanying load of 6,700 rounds of ammunition on a 32-foot, type V airdrop platform. This load requires five G-11B cargo parachutes.

8-2. Preparing Platform

Prepare a 32-foot, type V airdrop platform as given below.

a. Inspecting Platform. Inspect, or assemble and inspect, the platform according to TM 10-1670-268-20&P/TO 13C7-52-22.

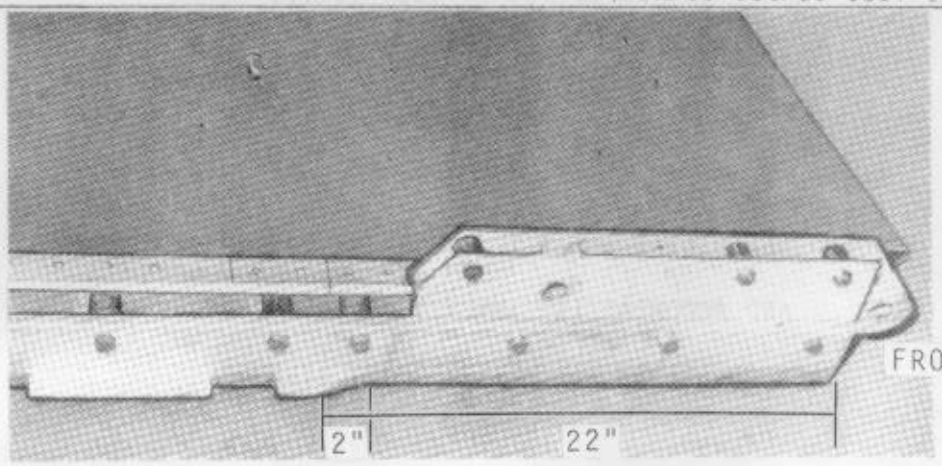
Note: If the platform must be assembled, install the suspension links when assembling the platform. See Figure 8-1 for the location of the suspension links.

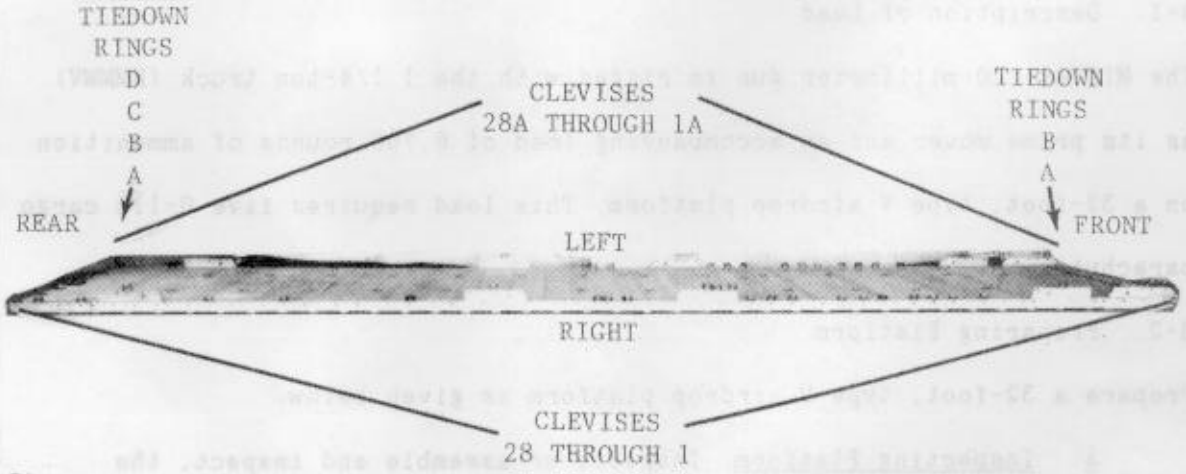
b. Installing Suspension Links. Install the suspension links on assembled platforms according to FM 10-500-2/TO 13C7-1-5.

c. Installing Tandem Links. Install a tandem link on the front of each rail as shown in Figure 8-1.

d. Attaching and Numbering Clevises. Attach and number 56 clevis assemblies as shown in Figure 8-1.

Notes: 1. The nose bumper may or may not be installed.
2. Measurements given in this chapter are from the front edge of the platform, NOT from the front edge of the nose bumper.





Step:

Note: Make the modifications shown in steps 1 and 2 if the manufacturer has not modified the platform side rails.

1. Cut off the indent locks 22 inches from the front of the platform, even with the platform side rails. Taper the cut 2 inches to the edge of the third indent lock.

2. Drill a set of EFTC bracket holes in the left rail. Drill the first .406-inch diameter hole 120 inches on center from the front edge of the rail and 1 1/8 inches on center from the top of the rail. Drill the second hole 7 1/4 inches on center from the first hole and 1 1/8 inches from the top of the rail.

3. Install a suspension link in holes 26, 27, and 28 on each platform side rail. Face the flat part of the link to the front of the rail.

4. Install a suspension link in holes 6, 7, and 8 on each platform side rail. Face the flat part of the link to the front of the rail.

Figure 8-1. Platform prepared

5. Install a suspension link in holes 37, 38, and 39 on each platform side rail. Face the flat part of the link to the rear of the rail.

6. Install a suspension link in holes 57, 58, and 59 on each platform side rail. Face the flat part of the link to the rear of the rail.

7. Install a tandem link on the front of each platform side rail using holes 1, 2, and 3.

8. Install clevises on bushings 1, 2, and 4 on each front tandem link.

9. Install a clevis on bushing 3 on the first suspension link on each side.

10. Install clevises on bushings 1, 2, and 3 on the second suspension link on each side.

11. Install a clevis on bushing 2 on the third suspension link on each side.

12. Install a clevis on bushing 2 on the fourth suspension link on each side.

13. Starting at the front of each platform side rail, install clevises on each platform side rail using the bushings bolted on holes 11, 13, 14, 15, 17, 18, 19, 22, 23, 24, 31, 32, 33, 43, 50, 54, 61, 63, and 64.

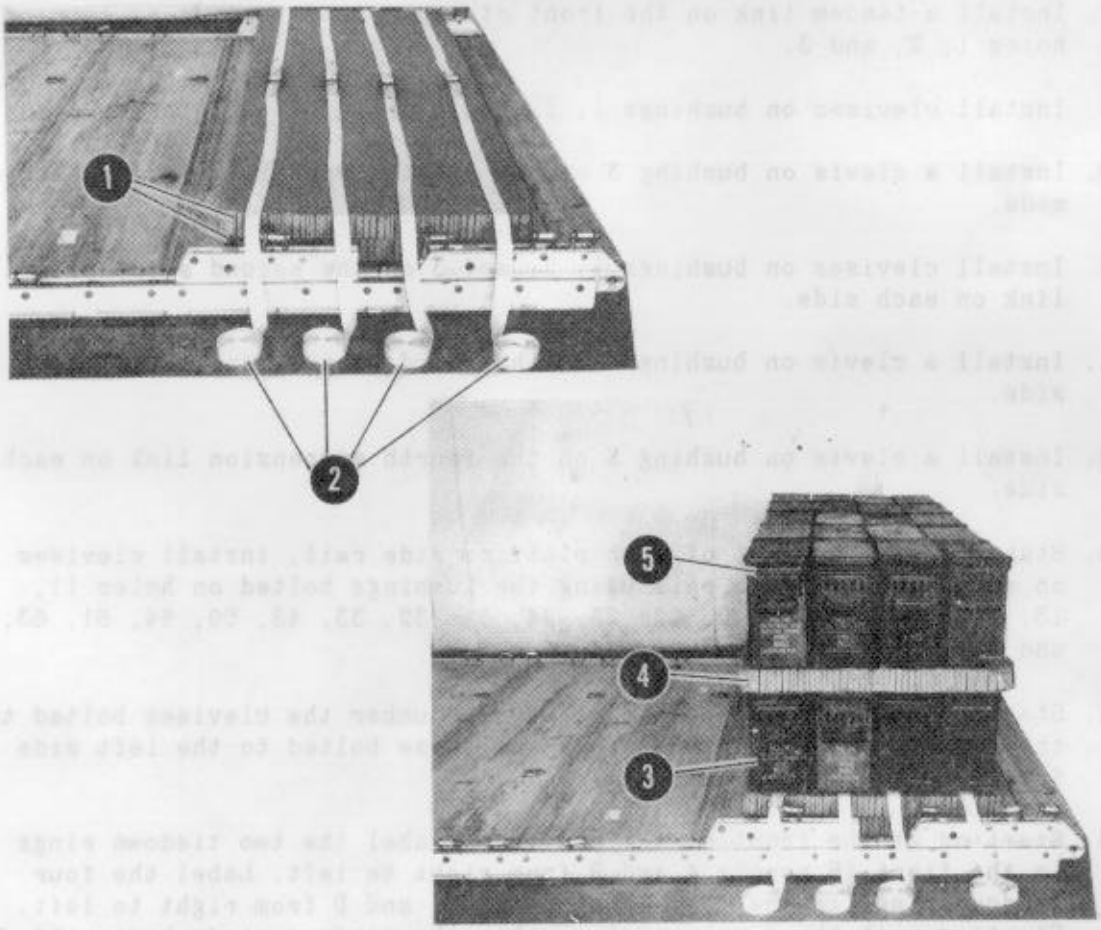
14. Starting at the front of the platform, number the clevises bolted to the right side from 1 through 28 and those bolted to the left side from 1A through 28A.

15. Starting at the front of the platform, label the two tiedown rings in the first 15 panels A and B from right to left. Label the four tiedown rings in the last panel A, B, C, and D from right to left. Starting with the first panel, number the tiedown rings beginning with 1 from front to rear.

Figure 8-1. Platform prepared (continued)

8-3. Stowing Accompanying Load

Stow 55 boxes of 20-millimeter ammunition on the platform as shown in Figures 8-2, 8-3, and 8-4.



(1) Center two 96- by 36-inch pieces of honeycomb 6 inches from the front edge of the platform.

(2) Form four 30-foot lashings (FM 10-500-2/TO 13C7-1-5), and evenly space the lashings from right to left across the honeycomb.

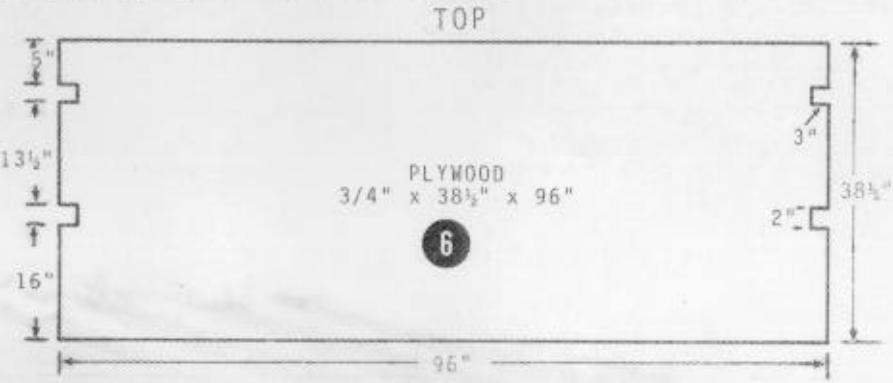
(3) Place four rows of five boxes of 20-millimeter ammunition flush on the honeycomb over the lashings.

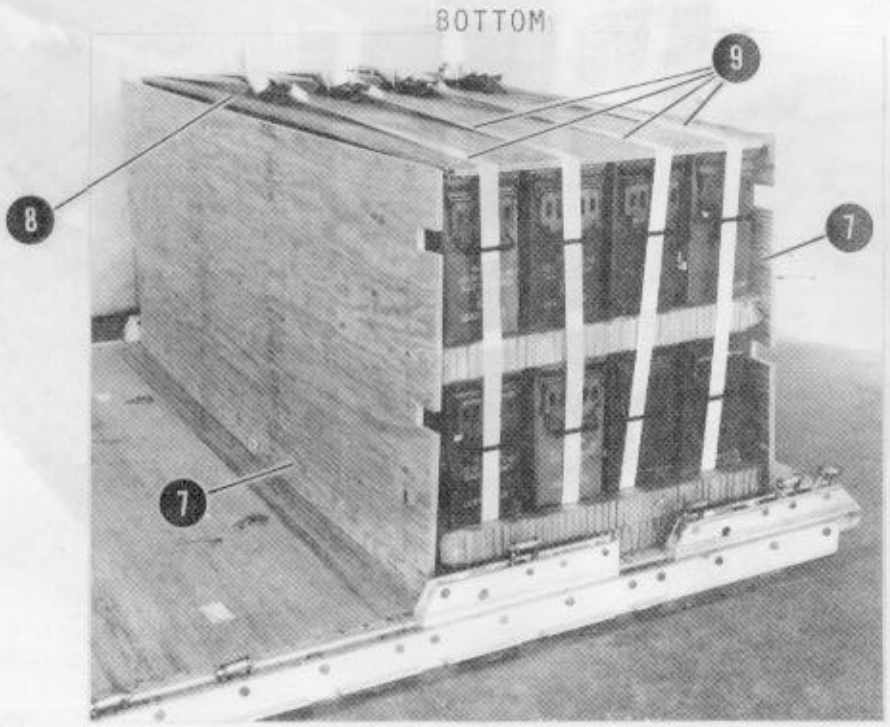
(4) Place a 96- by 36-inch piece of honeycomb on top of the boxes.

(5) Place 20 additional ammunition boxes on top of the honeycomb.

Figure 8-2. Forty boxes of ammunition placed on platform

Note: This drawing is not drawn to scale.





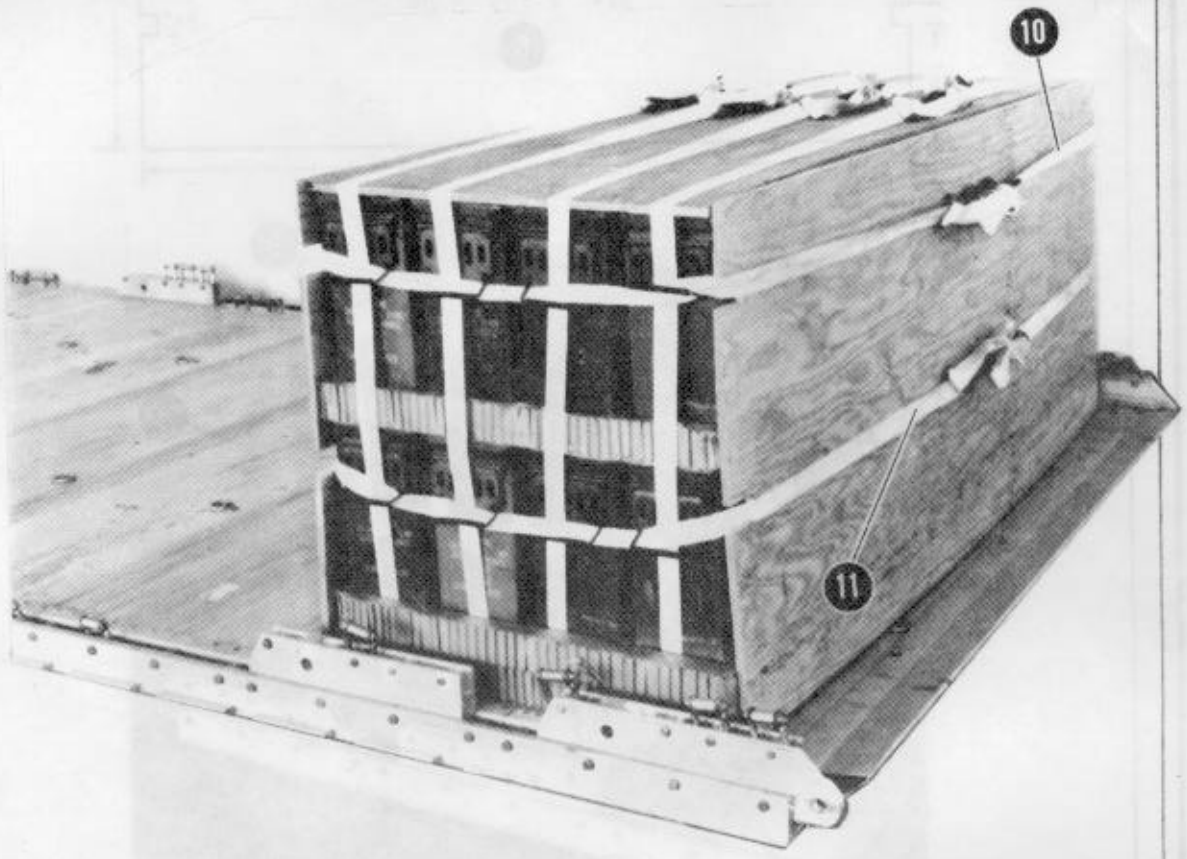
⑥ Construct two 3/4-inch plywood endboards as shown above.

⑦ Place an endboard against the front and rear of the boxes.

⑧ Place a 3/4- by 33- by 95-inch piece of plywood flush over the boxes.

⑨ Run each of the lashings placed in step 2 up through the box carrying handles and over the plywood placed in step 8. Fasten each lashing in the center of the plywood with two D-rings and a load binder.

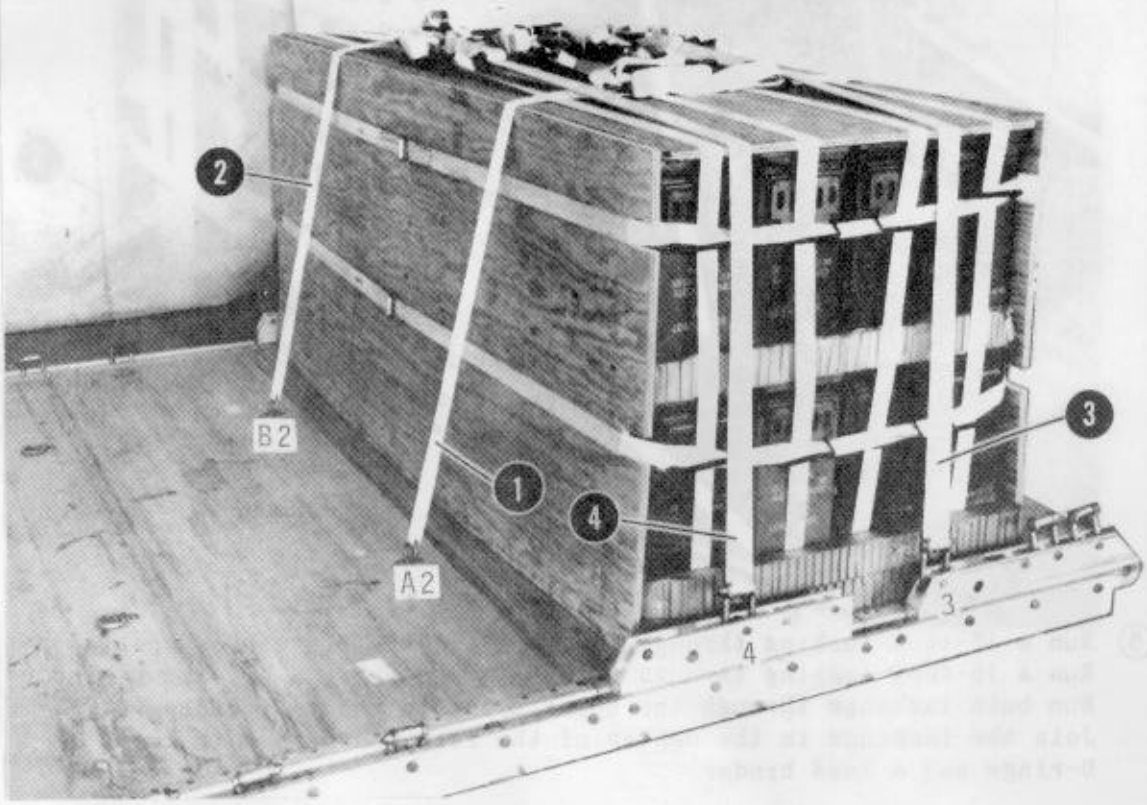
Figure 8-2. Forty boxes of ammunition placed on platform (continued)



(10) Form a 30-foot lashing (FM 10-500-2/TO 13C7-1-5), and run the lashing through the upper slots in the endboards and through the carrying handles of the upper rows of boxes. Secure the lashing in the center of the front endboard with two D-rings and a load binder.

(11) Form a 30-foot lashing (FM 10-500-2/TO 13C7-1-5), and run the lashing through the lower slots in the endboards and through the carrying handles of the lower rows of boxes. Secure the lashing in the center of the front endboard with two D-rings and a load binder.

Figure 8-2. Forty boxes of ammunition placed on platform (continued)



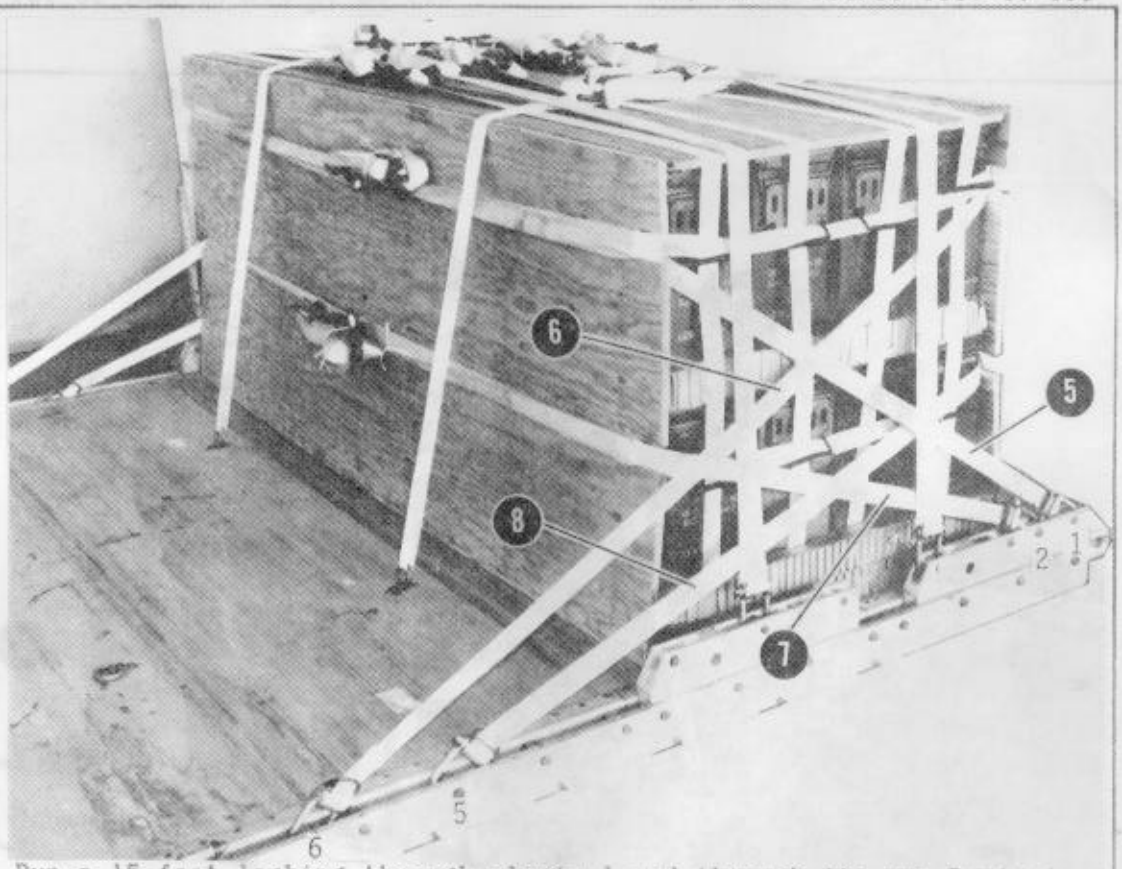
(1) Form a 30-foot lashing (FM 10-500-2/TO 13C7-1-5), and center the lashing from front to rear on top of the ammunition. Pass the free ends of the lashing through tiedown rings A1 and A2, and bring the free ends back to the top of the ammunition. Secure the ends of the lashing on top of the load with two D-rings and a load binder.

(2) Repeat step 1 using tiedown rings B1 and B2.

(3) Form a 30-foot lashing (FM 10-500-2/TO 13C7-1-5), and center the lashing side to side on top of the ammunition. Pass the free ends of the lashing through clevises 3 and 3A, and bring the free ends back to the top of the ammunition. Secure the ends of the lashing on top of the load with two D-rings and a load binder.

(4) Repeat step 3 using clevises 4 and 4A.

Figure 8-3. Forty boxes of ammunition lashed to platform



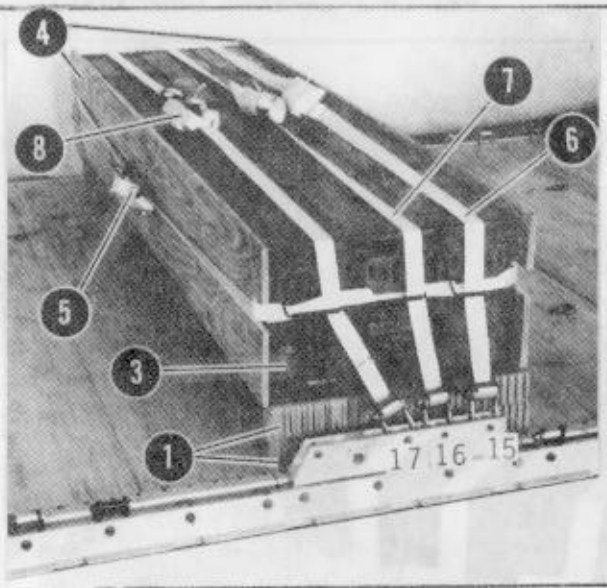
(5) Run a 15-foot lashing through clevis 1 and through its own D-ring. Run a 15-foot lashing through clevis 1A and through its own D-ring. Run both lashings through the upper slots in the rear endboard. Join the lashings in the center of the rear endboard with two D-rings and a load binder.

(6) Run a 15-foot lashing through clevis 6 and through its own D-ring. Run a 15-foot lashing through clevis 6A and through its own D-ring. Run both lashings through the upper slots in the front endboard. Join the lashings in the center of the front endboard with two D-rings and a load binder.

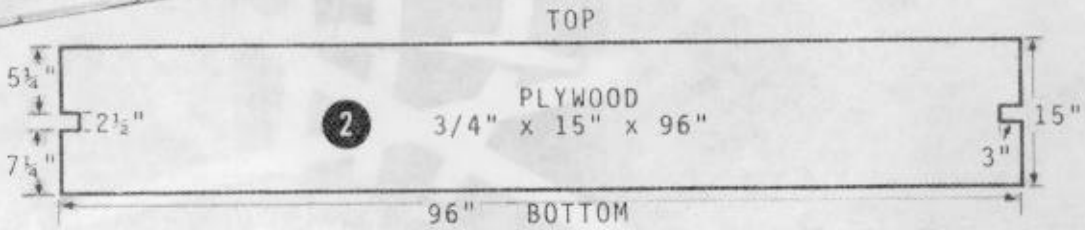
(7) Run a 15-foot lashing through clevis 2 and through its own D-ring. Run a 15-foot lashing through clevis 2A and through its own D-ring. Run both lashings through the lower slots in the rear endboard. Join the lashings in the center of the rear endboard with two D-rings and a load binder.

(8) Run a 15-foot lashing through clevis 5 and through its own D-ring. Run a 15-foot lashing through clevis 5A and through its own D-ring. Run both lashings through the lower slots in the front endboard. Join the lashings in the center of the front endboard with two D-rings and a load binder.

Figure 8-3. Forty boxes of ammunition lashed to platform (continued)



Note: This drawing is not drawn to scale.



(1) Center two 96- by 26-inch pieces of honeycomb 143 inches from the front edge of the platform.

(2) Construct two 3/4-inch plywood endboards as shown above.

(3) Place three rows of five boxes of 20-millimeter ammunition flush on the honeycomb.

(4) Place an endboard against the front and rear sides of the boxes.

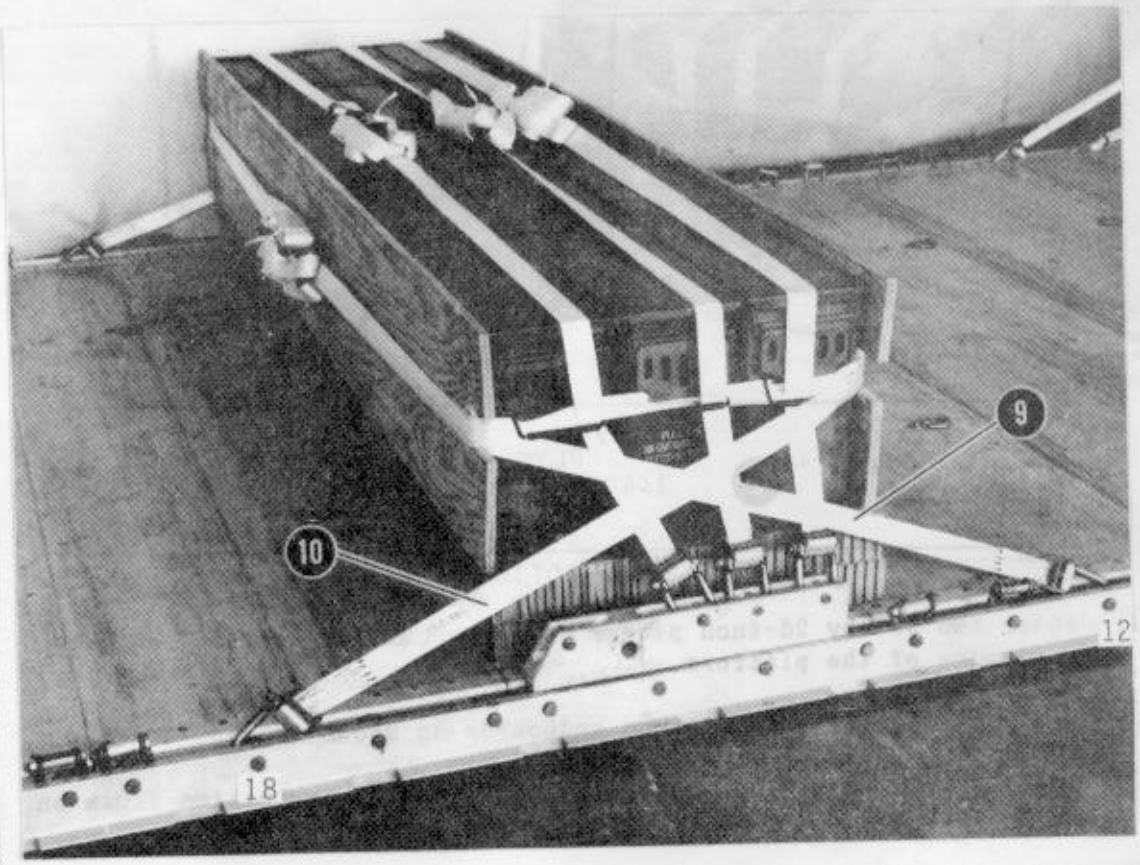
(5) Form a 30-foot lashing (FM 10-500-2/TO 13C7-1-5), and run the lashing through the slots in both endboards and through the box carrying handles. Secure the free ends of the lashing in the center of the rear endboard with two D-rings and a load binder.

(6) Run a 15-foot lashing through clevis 15 and through its own D-ring. Run a 15-foot lashing through clevis 15A and through its own D-ring. Run both lashings through the carrying handles of the first row of boxes. Join the lashings on top of the boxes with two D-rings and a load binder.

(7) Repeat step 5 using clevises 16 and 16A and the second row of boxes.

(8) Repeat step 5 using clevises 17 and 17A and the third row of boxes.

Figure 8-4. Fifteen boxes of ammunition placed on and lashed to platform



(9) Run a 15-foot lashing through clevis 12 and through its own D-ring. Run a 15-foot lashing through clevis 12A and through its own D-ring. Run both lashings through the slot in the rear endboard. Join the lashings in the center of the rear endboard with two D-rings and a load binder.

(10) Run a 15-foot lashing through clevis 18 and through its own D-ring. Run a 15-foot lashing through clevis 18A and through its own D-ring. Run both lashings through the slot in the front endboard. Join the lashings in the center of the front endboard with two D-rings and a load binder.

Figure 8-4. Fifteen boxes of ammunition placed on and lashed to platform (continued)

8-4. Preparing and Placing Honeycomb Stacks

Prepare and place honeycomb stacks as described below.

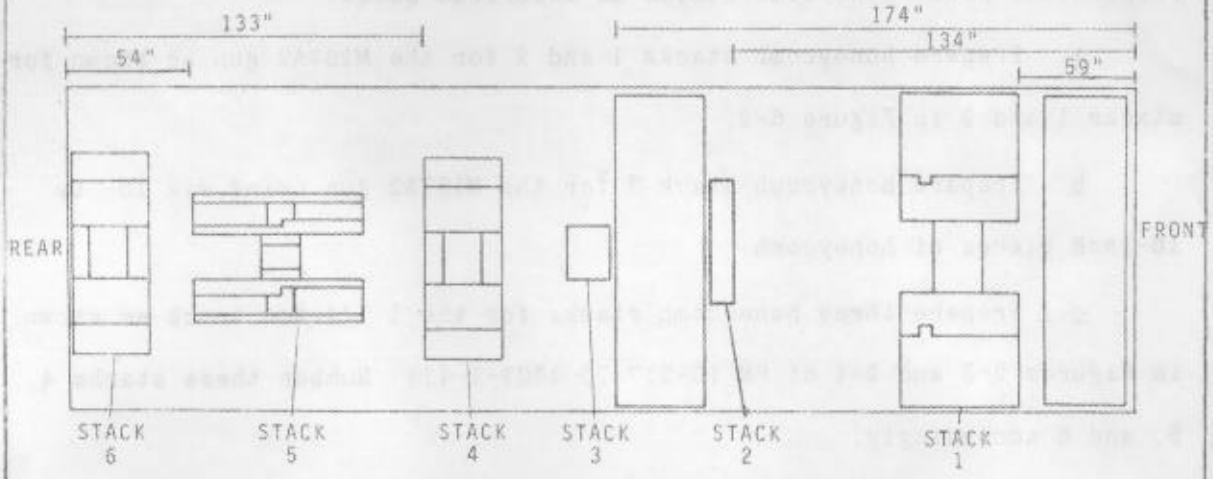
a. Prepare honeycomb stacks 1 and 2 for the M167A2 gun as shown for stacks 1 and 2 in Figure 6-2.

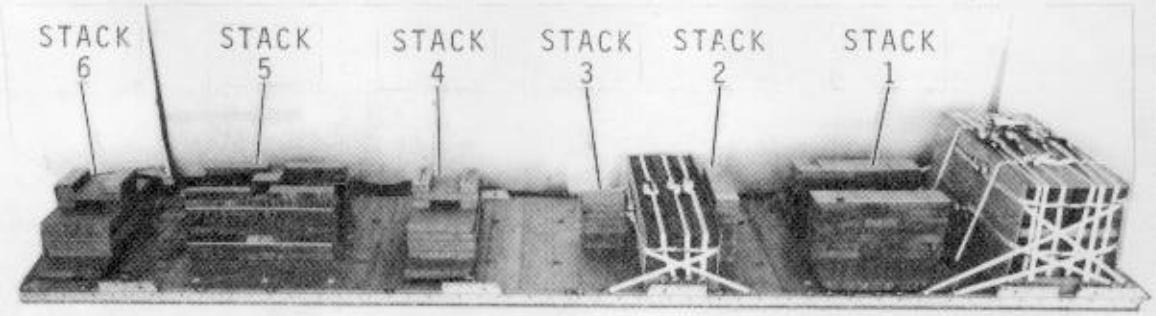
b. Prepare honeycomb stack 3 for the M167A2 gun using six 16- by 16-inch pieces of honeycomb.

c. Prepare three honeycomb stacks for the 1 1/4-ton truck as shown in Figures 2-3 and 2-4 of FM 10-517/TO 13C7-1-111. Number these stacks 4, 5, and 6 accordingly.

d. Place the stacks on the platform as shown in Figure 8-5.

Note: This drawing is not drawn to scale.





Stack Number	Position of Stack on Platform
	Place stack:
1	Centered with the front edge of the stack 59 inches from the front edge of the platform.
2	Centered with the front edge of the stack 134 inches from the front edge of the platform.
3	Centered with the front edge of the stack 174 inches from the front edge of the platform.
4	Centered with the rear edge of the stack 133 inches from the rear edge of the platform.
5	Centered with the rear edge of the stack 54 inches from the rear edge of the platform.
6	Centered flush with the rear edge of the platform.

Figure 8-5. Honeycomb stacks positioned on platform

8-5. Preparing Gun and Truck

Prepare the gun and the truck as given below.

a. Prepare the M167A2 gun as described for the M167A1 gun in paragraph 6-5.

b. Cover the gun as shown in Figure 6-20.

c. Prepare the 1 1/4-ton truck as given in paragraph 2-4 of FM 10-517/TO 13C7-1-111 with the following exception: Place only one layer of honeycomb on the hood of the truck.

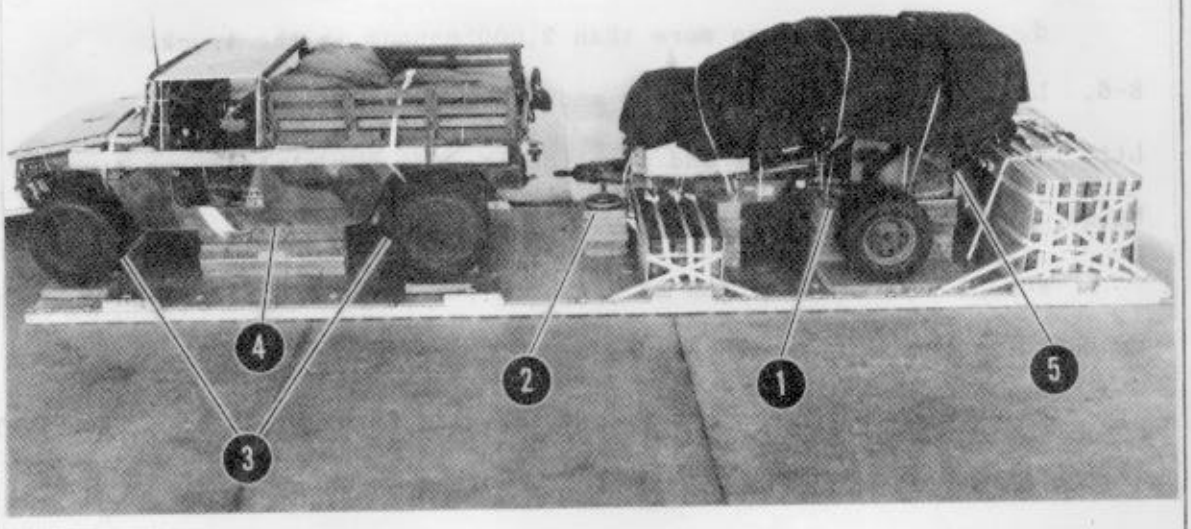
d. Rig a load of no more than 2,000 pounds in the truck.

8-6. Lifting and Positioning Gun and Truck

Lift the gun and the truck and position them on the platform as given below.

a. Lift the M167A2 gun as given in paragraph 6-6. Position the gun on the platform as shown in Figure 8-6.

b. Lift the 1 1/4-ton truck as shown in Figure 2-16 of FM 10-517/TO 13C7-1-111. Position the truck on the platform as shown in Figure 8-6.



(1) Position the gun on honeycomb stacks 1, 2, and 3. Be sure that the carriage tub assembly is centered on stack 1 and that the travel lock pin is engaged and fits over the cutouts in the plywood on stack 1.

(2) Be sure that the gun drop pad rests squarely on stack 3.

(3) Position the truck on stacks 4, 5, and 6. Be sure that the suspension cross members rest squarely on stacks 4 and 6.

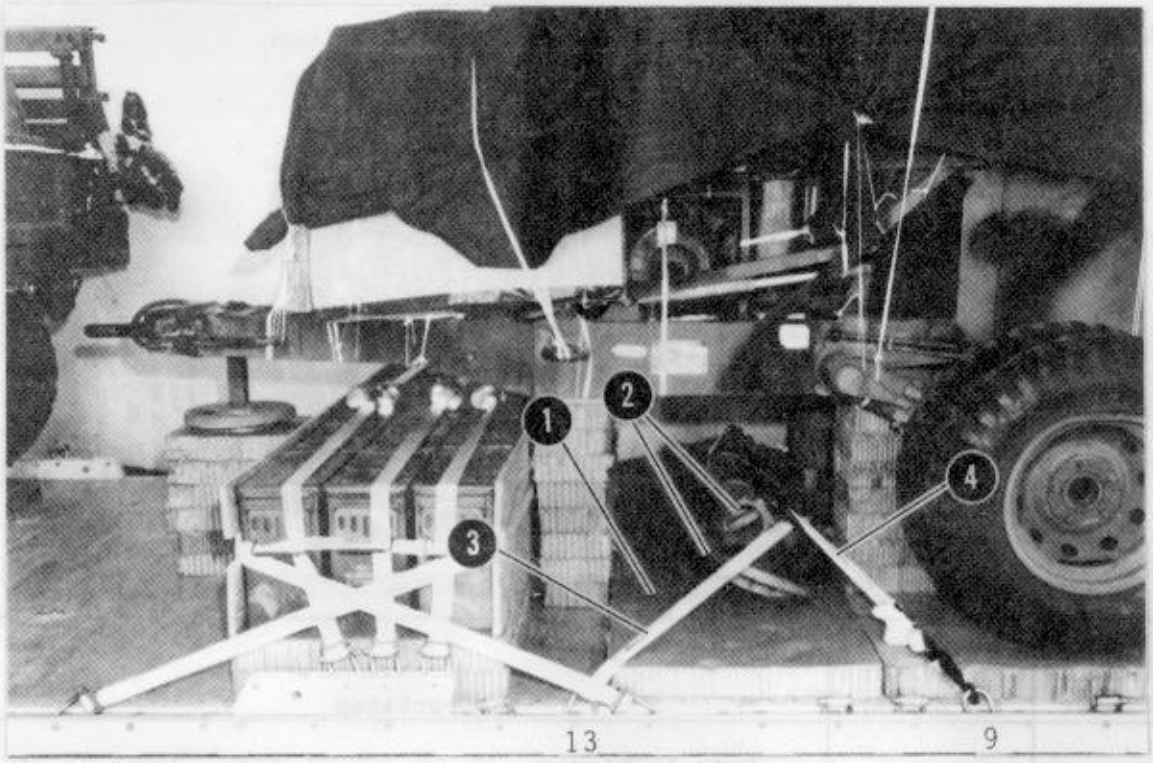
(4) Be sure that the frame rails rest squarely on stack 5.

(5) Remove the outrigger arms from the gun.

Figure 8-6. Gun and truck positioned on platform

8-7. Stowing and Lashing Gun Outrigger Arms

Stow and lash the gun outrigger arms as shown in Figure 8-7.



(1) Place a 26- by 96-inch piece of honeycomb on the platform between stacks 1 and 2.

(2) Center the outrigger arms on the honeycomb under the gun with the baseplates facing in opposite directions.

(3) Run the end of a 15-foot tiedown strap through clevis 13 and through its own D-ring. Pull the strap taut. Run the strap twice around the outrigger arms and through the lifting ring nearest to the left rail. Fit a D-ring on the end of the strap, and secure it to clevis 9A with a load binder. Fold the excess strap, and secure the folds to the load binder with tape or type I, 1/4-inch cotton webbing.

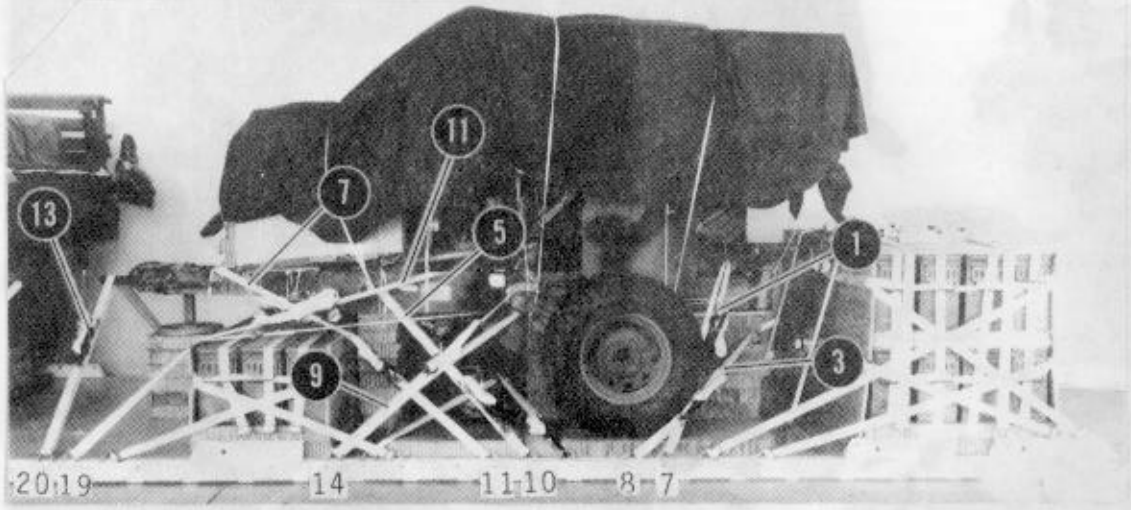
(4) Attach a second strap to clevis 13A. Run the strap in the opposite direction to the first strap, and secure it to clevis 9 as in step 3.

Figure 8-7. Outrigger arms stowed and lashed

8-8. Lashing Gun and Truck

Lash the gun and truck to the platform with twenty-two 15-foot tiedown assemblies as shown in Figures 8-8 and 8-9.

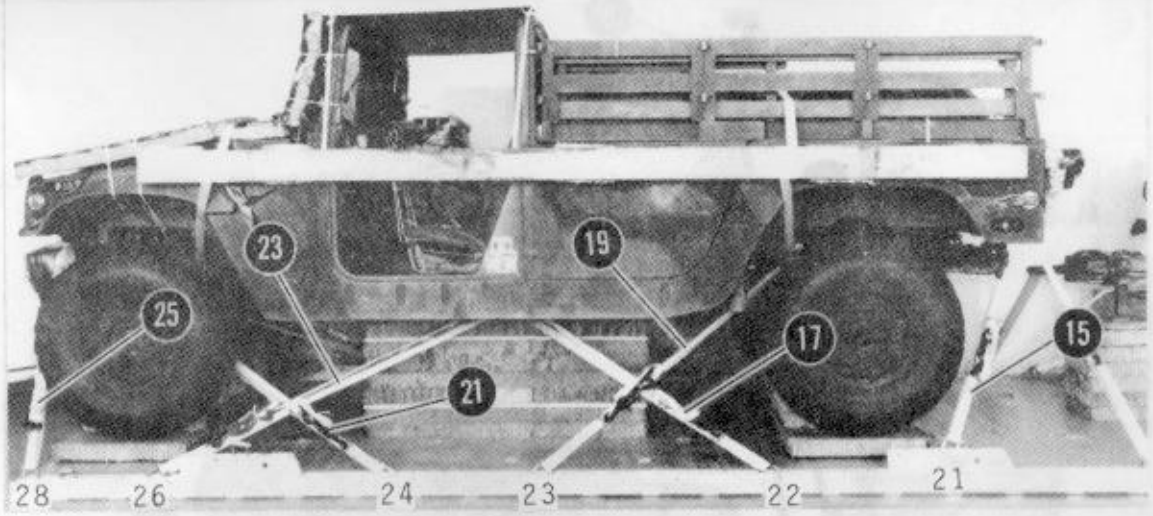
Note: Left, right, front, and rear refer to the platform, NOT the gun.



Lashing Number	Tiedown Clevis Number	Instructions
		Pass lashing:
1	7	Around the right outrigger arm lock pin.
2	7A	Around the left outrigger arm lock pin.
3	8	Through the right front tiedown provision.
4	8A	Through the left front tiedown provision.
5	10	Through the right center tiedown provision.
6	10A	Through the left center tiedown provision.
7	11	Around the right rear section of cross member.
8	11A	Around the left rear section of cross member.
9	14	Around the right suspension bar assembly.
10	14A	Around the left suspension bar assembly.
11	19	Around the right drawbar and in front of the cross member.
12	19A	Around the left drawbar and in front of the cross member.
13	20	Through the lunette.
14	20A	Through the lunette.

Figure 8-8. Lashings 1 through 14 installed

Note: Left, right, front, and rear refer to the platform, NOT the truck.



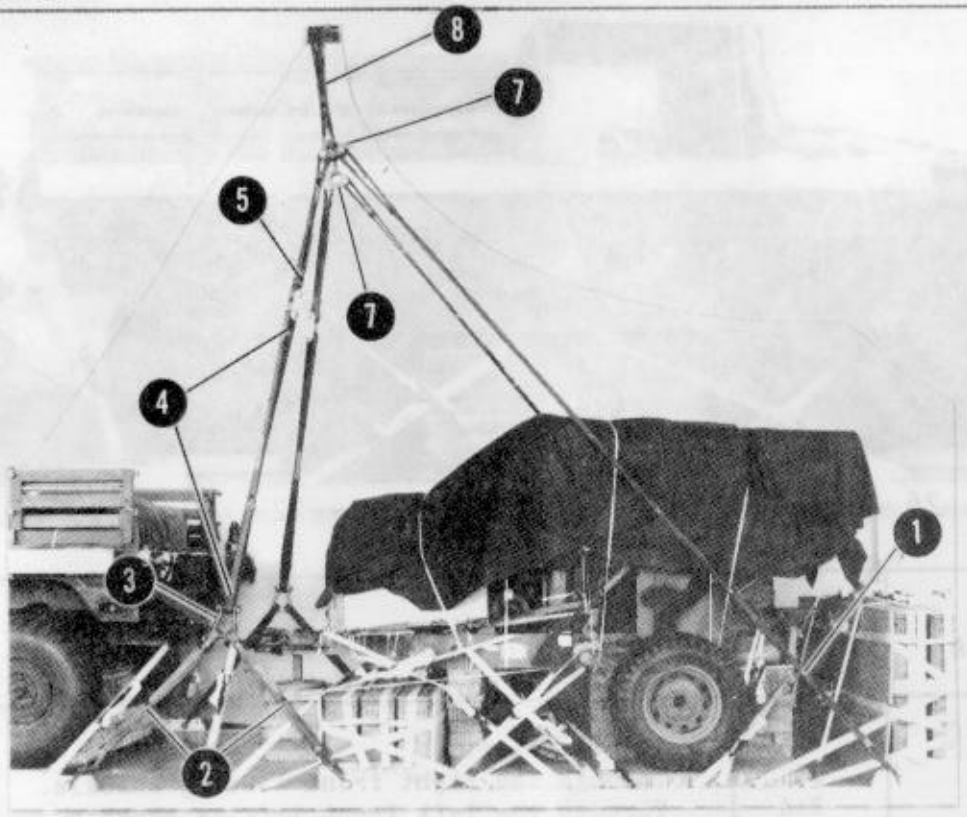
Lashing Number	Tiedown Clevis Number	Instructions
		Pass lashing:
15	21	Through the right front lifting shackle.
16	21A	Through the left front lifting shackle.
17*	22	Around the right frame rail cross member.
18*	22A	Around the left frame rail cross member.
19	23	Through the tiedown bracket in rear of the right front coil spring.
20	23A	Through the tiedown bracket in rear of the left front coil spring.
21	24	Around the right lower control arm.
22	24A	Around the left lower control arm.
23*	26	Around the right frame rail cross member.
24*	26A	Around the left frame rail cross member.
25	28	Through the tiedown bracket on the end of the right frame rail.
26	28A	Through the tiedown bracket on the end of the left frame rail.

*These are pre-positioned lashings.

Figure 8-9. Lashings 15 through 26 installed

8-9. Installing and Tying Suspension Slings

Install the suspension slings according to FM 10-500-2/TO 13C7-1-5 and as shown in Figures 8-10 and 8-11. Tie the suspension slings as shown in Figure 8-12.



(1) Attach a 16-foot (4-loop), type XXVI nylon webbing sling to each first suspension link with a large suspension clevis.

(2) Attach a 3-foot (4-loop), type XXVI nylon webbing sling to each second and third suspension link with a large suspension clevis.

(3) Place the 3-foot slings installed in step 2 in the bell portion of a large suspension clevis.

(4) Place both loops of a 12-foot (2-loop), type XXVI nylon webbing sling in one end of a 5 1/2-inch, two-point link assembly. Place the resulting loop in the sling on the bolt portion of the large suspension clevis installed in step 3.

(5) Bolt a 3-foot (4-loop), type XXVI nylon webbing sling to the 5 1/2-inch, two-point link assembly used in step 4.

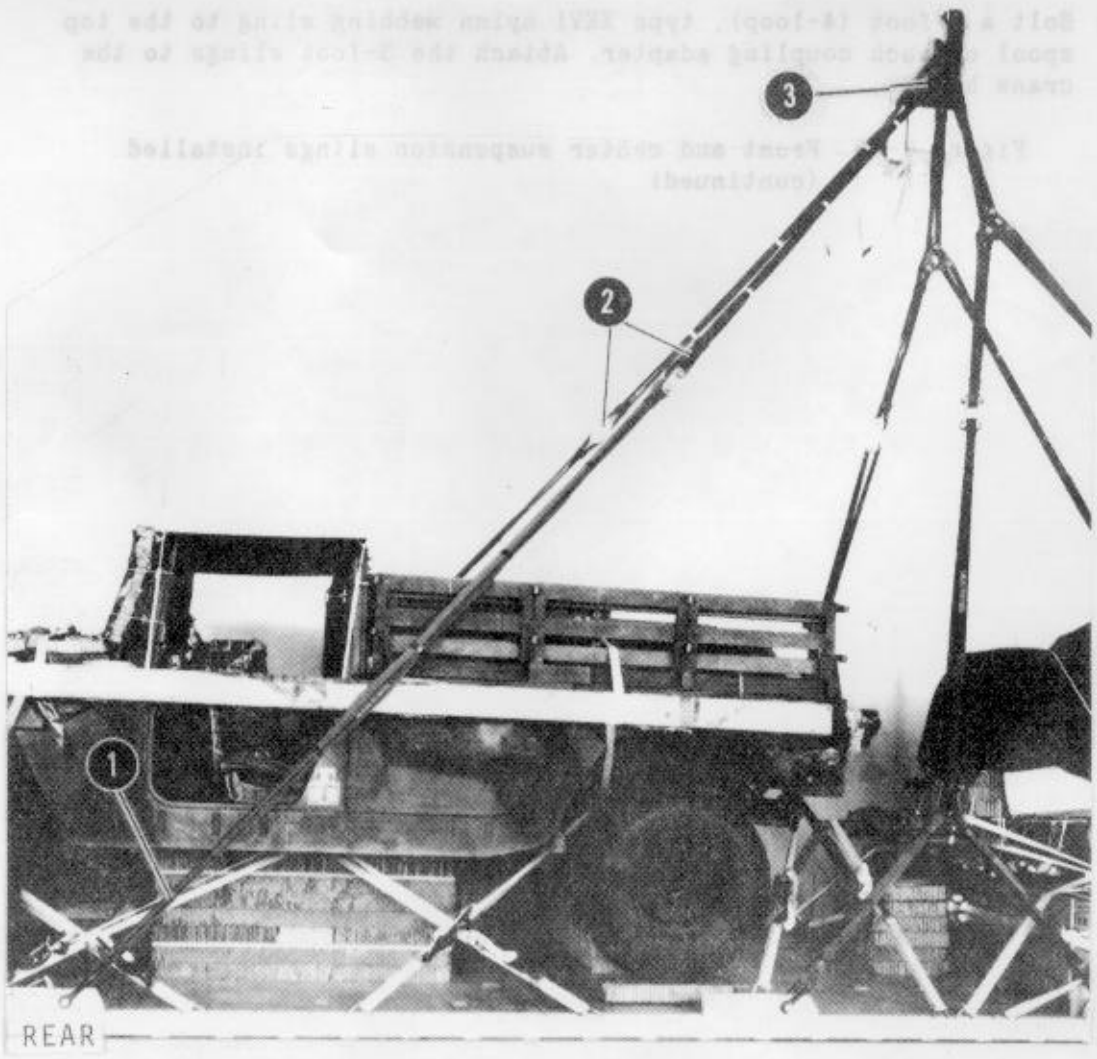
Figure 8-10. Front and center suspension slings installed

⑥ Remove the cams from two EFTC coupling adapters (not shown). Replace the cams with spacers.

⑦ Bolt the front and center suspension slings on each side to two spools of the EFTC coupling adapters.

⑧ Bolt a 3-foot (4-loop), type XXVI nylon webbing sling to the top spool of each coupling adapter. Attach the 3-foot slings to the crane hook.

Figure 8-10. Front and center suspension slings installed (continued)

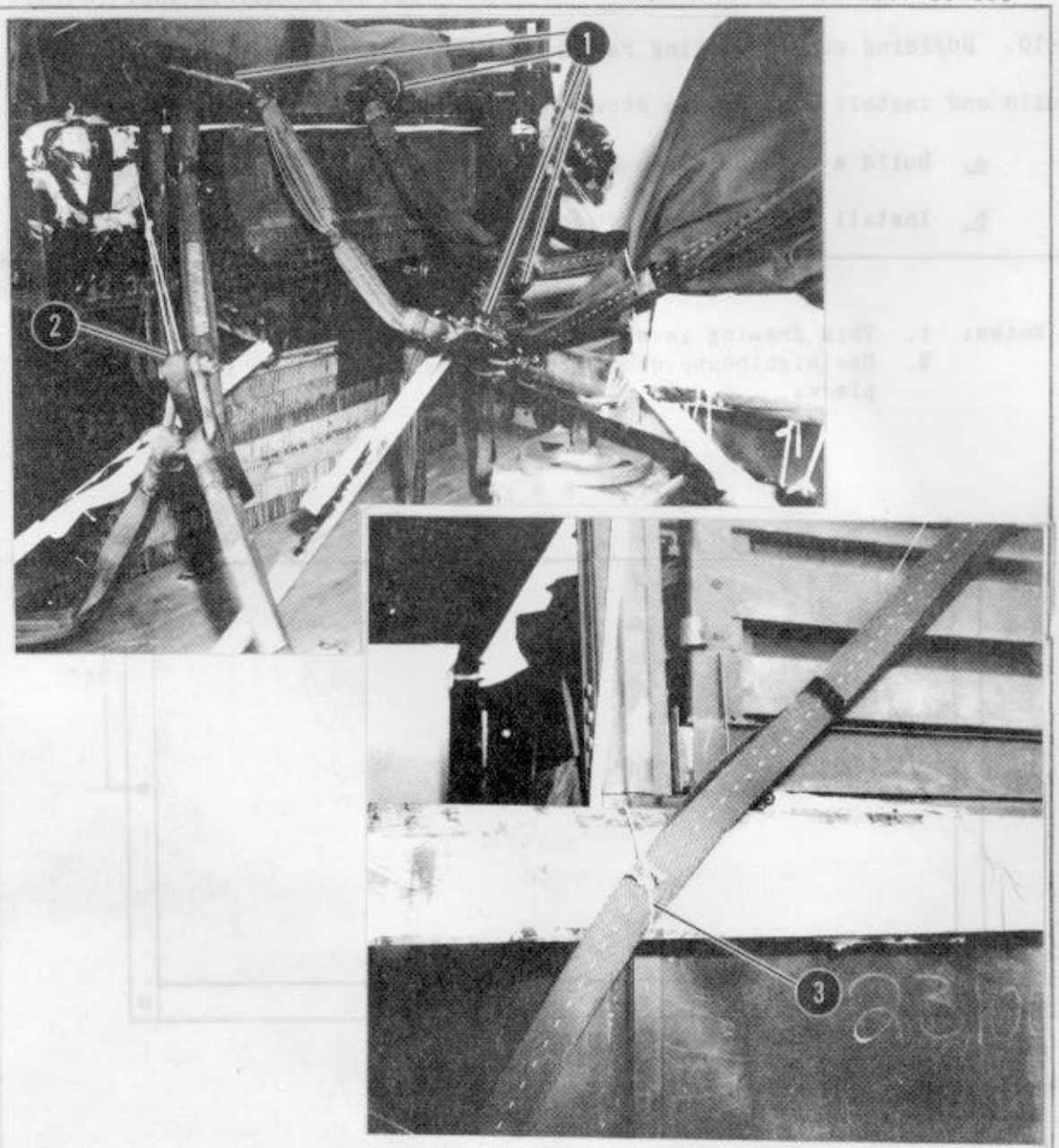


(1) Attach a 12-foot (4-loop), type XXVI nylon webbing sling to each fourth suspension link with a large suspension clevis.

(2) Attach a 9-foot (4-loop), type XXVI nylon webbing sling to each of the 12-foot slings installed in step 1 with a 3 3/4-inch link assembly.

(3) Attach the 9-foot slings to the crane hook.

Figure 8-11. Rear suspension slings installed



(1) Pad all the link assemblies and coupling adapters used in Figures 8-10 and 8-11 with 1/2-inch felt. Tape the felt in place.

(2) Tie the large suspension clevises at the junctions of the center suspension slings to the rear footman loops or other convenient points on the truck with type III nylon cord.

(3) Make sure the suspension slings are raised. Tie the rear suspension slings to the truck sideboards with a length of type III nylon cord.

Figure 8-12. Suspension slings tied

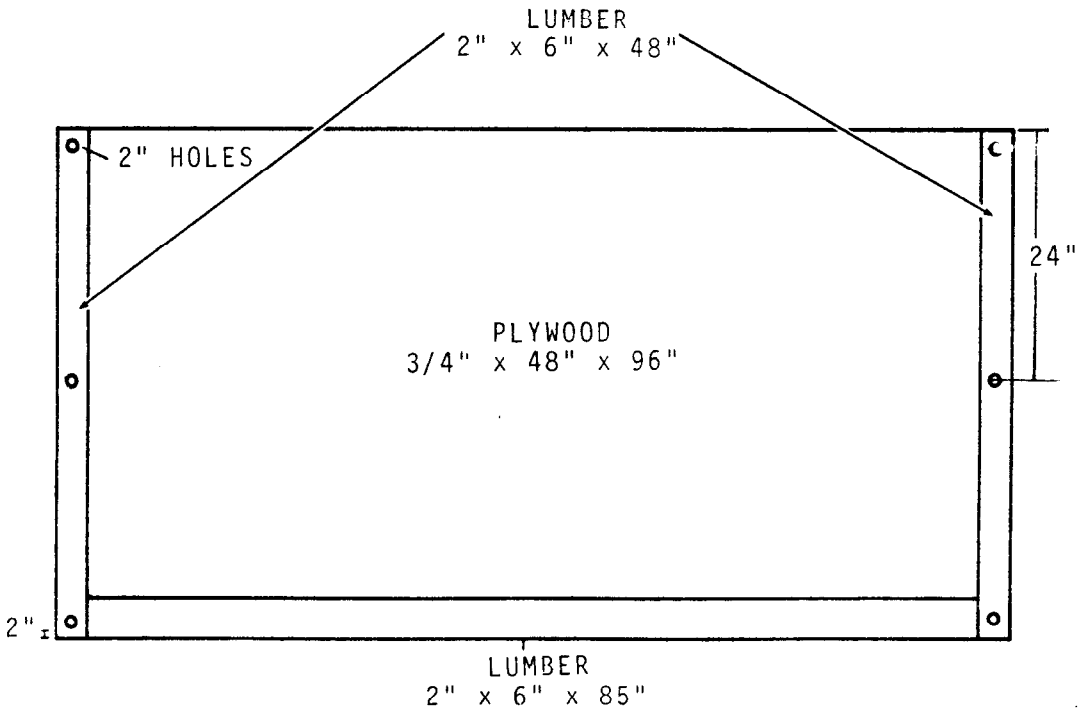
8-10. Building and Installing Parachute Stowage Platform

Build and install a parachute stowage platform as given below.

a. Build a parachute stowage platform as shown in Figure 8-13.

b. Install the parachute stowage platform as shown in Figure 8-14.

Notes: 1. This drawing is not drawn to scale.
2. Use eightpenny common wire nails to join the individual pieces.



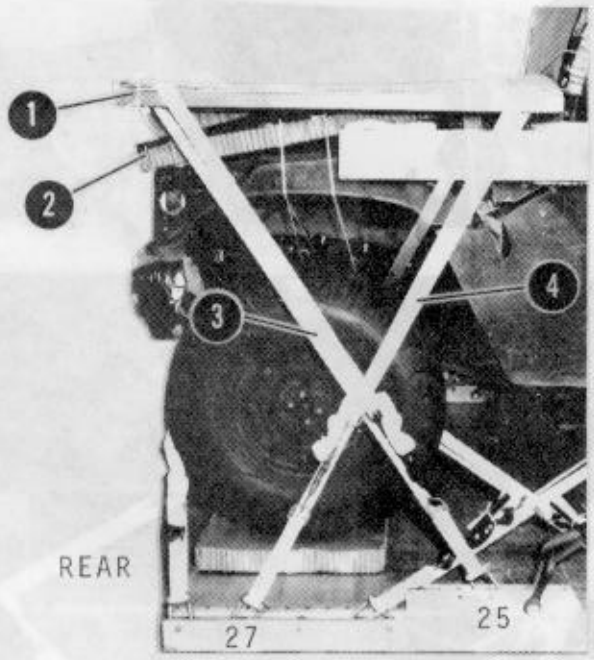
(1) Cut a 3/4- by 48- by 96-inch piece of plywood.

(2) Nail a 2- by 6- by 48-inch piece of lumber to each side of the plywood as shown.

(3) Nail a 2- by 6- by 85-inch piece of lumber flush with the rear edge of the plywood.

(4) Make three 2-inch holes in each 48-inch side of the platform as shown.

Figure 8-13. Parachute stowage platform construction details



(1) Tie the plywood to the 2- by 6-inch lumber at the corners of the parachute stowage platform with type III nylon cord.

(2) Place a 12- by 82-inch piece of honeycomb along the rear edge of the honeycomb covering the truck hood. Center the parachute stowage platform on the hood with the 2- by 6-inch lumber to the rear.

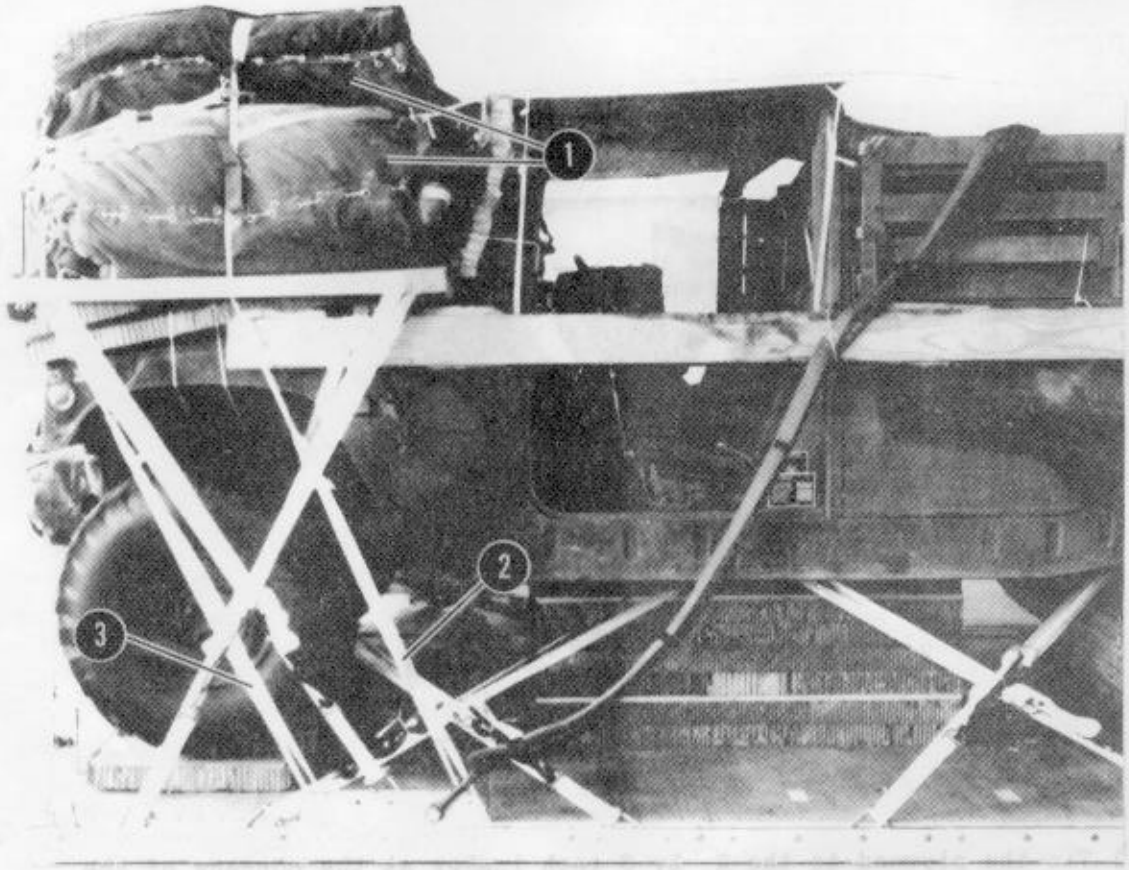
(3) Lash the rear holes of the parachute stowage platform to clevises 25 and 25A with two 15-foot lashings.

(4) Lash the front holes of the stowage platform to clevises 27 and 27A with two 15-foot lashings.

Figure 8-14. Parachute stowage platform installed

8-11. Stowing Cargo Parachutes

Stow the cargo parachutes as shown in Figure 8-15.



① Prepare and stow five G-11B cargo parachutes as outlined in FM 10-500-2/TO 13C7-1-5, and set them on the parachute stowage platform.

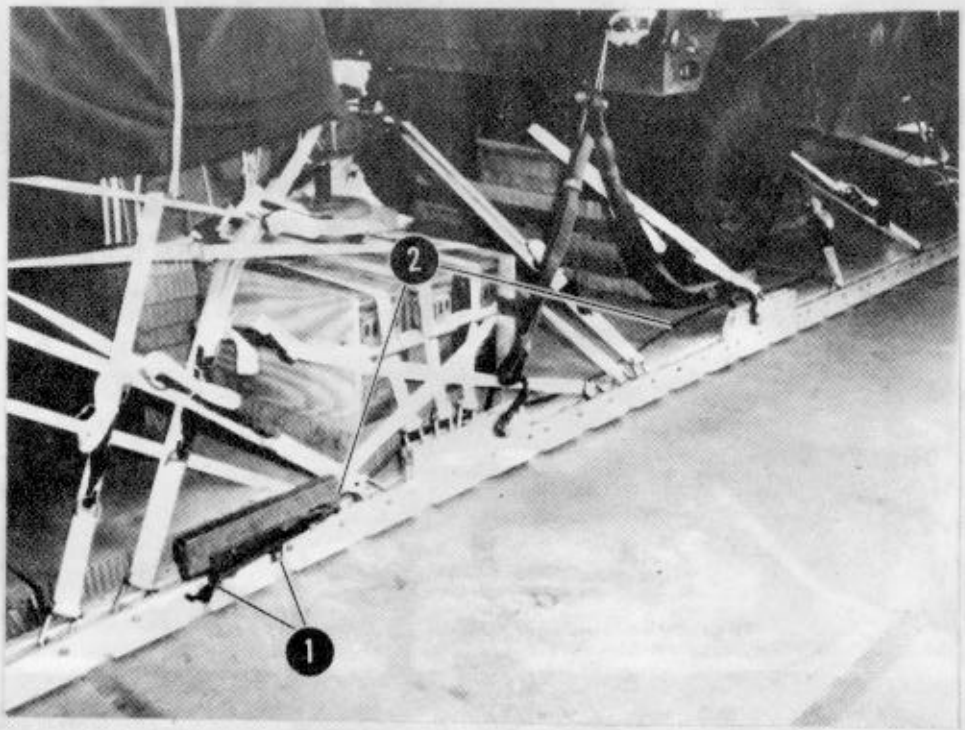
② Tie the front restraint straps to the first bushing on each fourth suspension link.

③ Tie the rear restraint straps to the fourth bushing on each fourth suspension link.

Figure 8-15. Cargo parachutes stowed

8-12. Installing Extraction System

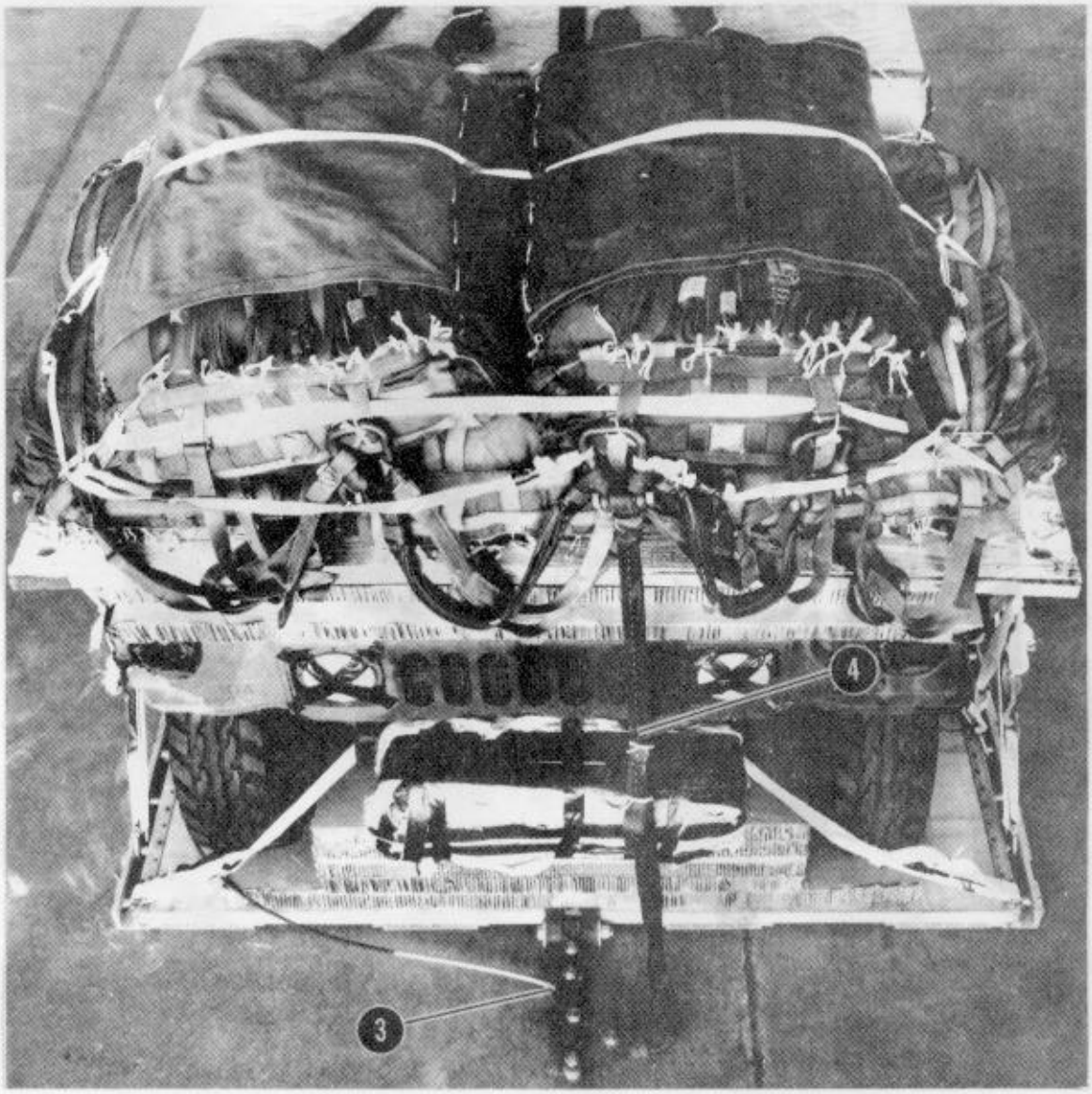
Install the EFTC extraction system according to FM 10-500-2/TO 13C7-1-5 and as shown in Figure 8-16.



① Install the EFTC mounting brackets in the rear mounting holes in the left platform rail.

② Attach a 28-foot release cable to the actuator. Install the actuator to the EFTC mounting brackets. Run the cable to the rear of the load.

Figure 8-16. EFTC installed



(3) Install the latch assembly to the extraction bracket. Attach the release cable to the latch assembly.

(4) Install a 9-foot (2-loop), type XXVI nylon webbing sling as the deployment line.

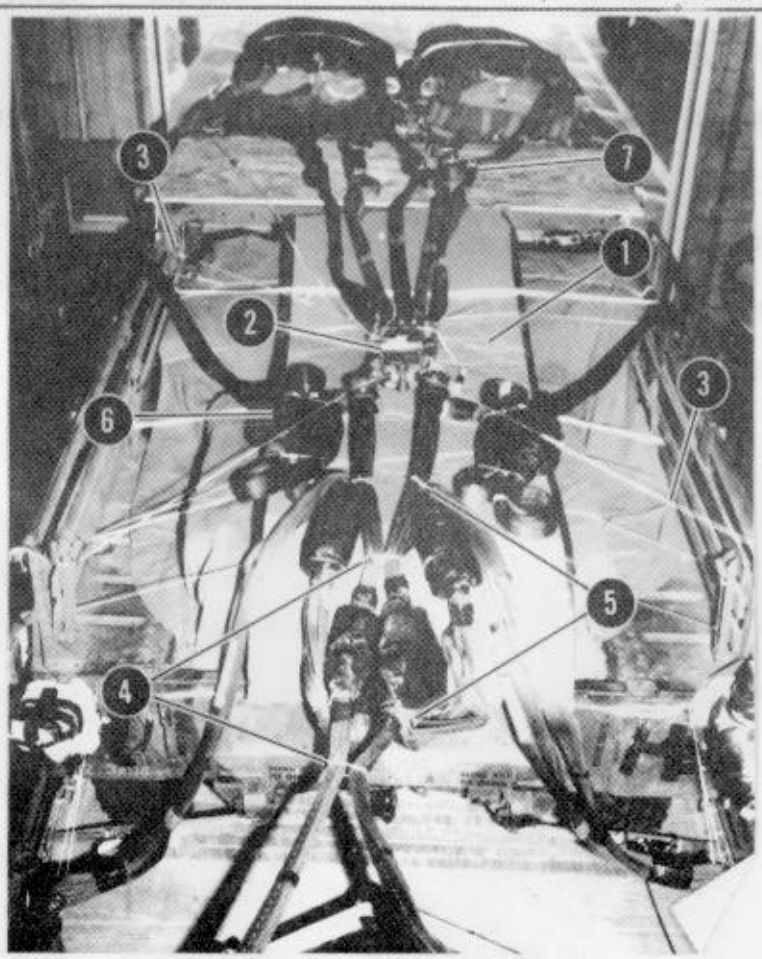
Figure 8-16. EFTC installed (continued)

8-13. Installing Provisions for Emergency Restraints

Install provisions for emergency restraints according to FM 10-500-2/TO 13C7-1-5.

8-14. Installing Release System

Prepare and install an M-2 cargo parachute release according to FM 10-500-2/TO 13C7-1-5 and as shown in Figure 8-17.



(1) Center a 36- by 96-inch piece of honeycomb over the load in the truck. Tape the sides of the honeycomb, and tie the honeycomb to convenient points on the truck with type III nylon cord.

(2) Center the M-2 release on the honeycomb.

(3) Secure the release to convenient points on the truck with type III nylon cord.

(4) Tie the front suspension slings together in two places with type I, 1/4-inch cotton webbing.

(5) Tie the center suspension slings to the front suspension slings in two places on each side.

(6) S-fold the rear suspension slings, and tie the folds with type I, 1/4-inch cotton webbing.

(7) S-fold the slack in the riser extensions, and tie the folds with type I, 1/4-inch cotton webbing.

Figure 8-17. M-2 cargo parachute release installed

8-15. Placing Extraction Parachute

Place the extraction parachute as described below.

a. C-130 Aircraft. Place a 28-foot cargo extraction parachute and a 60-foot (3-loop), type XXVI nylon webbing extraction line on the load for installation in the aircraft.

b. C-141 Aircraft. Place a 28-foot cargo extraction parachute and a continuous 140-foot (3-loop), type XXVI nylon webbing extraction line on the load for installation in the aircraft.

8-16. Marking Rigged Load

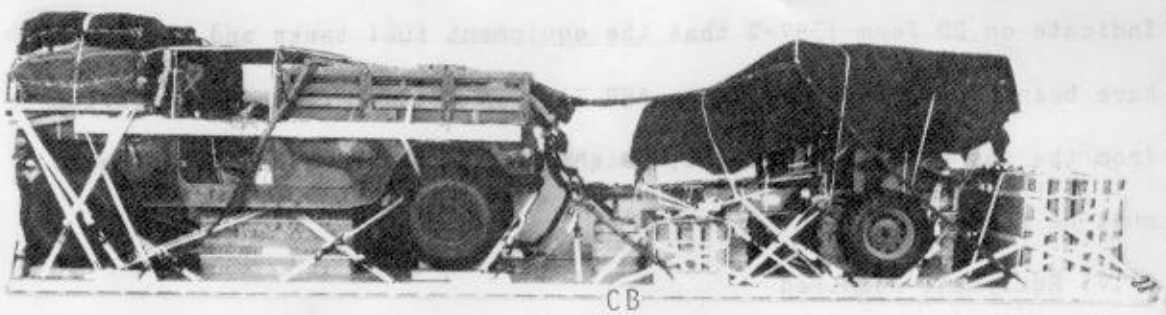
Mark the rigged load according to FM 10-500-2/TO 13C7-1-5 and as shown in Figure 8-18. Complete DD Form 1387-2, and securely attach it to the load. Indicate on DD Form 1387-2 that the equipment fuel tanks and batteries have been prepared according to AFR 71-4/TM 38-250. If the load varies from the one shown, the weight, height, CB, and parachute requirements must be recomputed.

8-17. Equipment Required

Use the equipment listed in Table 8-1 to rig this load. The equipment for rigging a load in the truck cargo bed is NOT given in Table 8-1.

CAUTION

Make the final rigger inspection required by FM 10-500-2/ TO 13C7-1-5 before the load leaves the rigging site.



RIGGED LOAD DATA

Weight: Load shown	23,100 pounds
Maximum load allowed	26,400 pounds
Height	95 inches
Width	108 inches
Length	406 1/2 inches
Overhang: Front (nose bumper)	4 1/2 inches
Rear (extraction system)	18 inches
CB (from front edge of platform)	189 inches
Extraction System	EFTC

Figure 8-18. M167A2 gun with 1 1/4-ton truck and accompanying ammunition rigged on a type V platform for low-velocity airdrop

Table 8-1. Equipment required for rigging the M167A2 gun with 1 1/4-ton truck and accompanying ammunition rigged on a type V platform for low-velocity airdrop

National Stock Number	Item	Quantity
1670-00-162-4981	Adapter, coupling, EFTC	2
5365-00-405-9293	Spacer	(2)
8040-00-273-8713	Adhesive, paste, 1-gal	As required
	Clevis, suspension:	
4030-00-678-8562	3/4-in (medium)	6
4030-00-090-5354	1-in (large)	13
8305-00-242-3593	Cloth, cotton duck, 60-in	As required
4020-00-240-2146	Cord, nylon, type III, 550-lb	As required
1670-00-157-6527	Coupling, airdrop, extraction force transfer w 28-ft cable	1
1670-00-360-0329	Cover, link assembly (type IV)	20
8135-00-664-6958	Cushioning material, packaging, cellulose wadding	As required
8305-00-958-3685	Felt, 1/2-in thick	As required
1670-01-183-2678	Leaf, extraction line	2
	Line, extraction, type XXVI nylon webbing:	
1670-01-062-6313	60-ft (3-loop) or	1
1670-01-107-7651	140-ft (3-loop)	1

Table 8-1. Equipment required for rigging the M167A2 gun with 1 1/4-ton truck and accompanying ammunition rigged on a type V platform for low-velocity airdrop (continued)

National Stock Number	Item	Quantity
	Link assembly:	
	Two-point, 3 3/4-in:	3
5306-00-435-8994	Bolt, 1-in diam, 4-in long	(6)
5310-00-232-5165	Nut, 1-in, hexagon	(6)
1670-00-003-1953	Plate, side, 3 3/4-in	(6)
5365-00-007-3414	Spacer, large	(6)
	Two-point, 5 1/2-in:	2
5306-00-435-8994	Bolt, 1-in diam, 4-in long	(4)
5310-00-232-5165	Nut, 1-in	(4)
1670-00-003-1954	Plate, side, 5 1/2-in	(4)
5365-00-007-3414	Spacer, large	(4)
1670-00-783-5988	Type IV	20
5510-00-220-6148	Lumber, 2- by 6-in:	
	16-in	1
	48-in	2
	85-in	2
	150-in	2
5315-00-010-4657	Nail, steel wire, common, 6d	As required
1670-00-753-3928	Pad, energy-dissipating, honeycomb,	
	3- by 36- by 96-in:	30
	4- by 6-in	(4)
	6- by 10-in	(10)

Table 8-1. Equipment required for rigging the M167A2 gun with 1 1/4-ton truck and accompanying ammunition rigged on a type V platform for low-velocity airdrop (continued)

National Stock Number	Item	Quantity
	6- by 24-in	(2)
	8- by 8-in	(2)
	8- by 24-in	(2)
	8- by 54-in	(6)
	10- by 10-in	(5)
	12- by 12-in	(1)
	12- by 15-in	(2)
	12- by 18-in	(4)
	12- by 22-in	(9)
	12- by 36-in	(1)
	12- by 48-in	(12)
	12- by 54-in	(4)
	12- by 82-in	(2)
	14- by 22-in	(3)
	16- by 16-in	(6)
	19- by 24-in	(1)
	20- by 6-in	(8)
	20- by 24-in	(5)
	20- by 30-in	(1)
	21- by 83-in	(1)
	24- by 96-in	(1)
	36- by 48-in	(2)
	36- by 54-in	(1)

Table 8-1. Equipment required for rigging the M167A2 gun with 1 1/4-ton truck and accompanying ammunition rigged on a type V platform for low-velocity airdrop (continued)

National Stock Number	Item	Quantity
	36- by 82-in	(3)
	36- by 96-in	(1)
	42- by 10-in	(2)
	44- by 8-in	(8)
	50- by 12-in	(1)
	54- by 24-in	(8)
	80- by 24-in	(2)
	96- by 26-in	(3)
	96- by 36-in	(4)
	Parachute:	
1670-01-016-7841	Cargo, G-11B	5
1670-00-040-8135	Cargo extraction, 28-ft	1
	Platform, AD, type V, 32-ft:	1
	Bracket:	
1670-01-162-2375	Inside EFTA	(1)
1670-01-162-2374	Outside EFTA	(1)
1670-01-162-2372	Clevis assembly	(56)
1670-01-162-2376	Extraction bracket assembly	(1)
1670-01-247-2389	Suspension link	(8)
1670-01-162-2381	Tandem link	(2)

Table 8-1. Equipment required for rigging the M167A2 gun with 1 1/4-ton truck and accompanying ammunition rigged on a type V platform for low-velocity airdrop (continued)

National Stock Number	Item	Quantity
5530-00-128-4981	Plywood, 3/4-in:	
	8- by 37 1/2-in	1
	8- by 54-in	2
	10- by 10-in	2
	11- by 28-in	1
	12- by 48-in	2
	12- by 54-in	2
	15- by 96-in	2
	20- by 6-in	4
	22- by 41-in	1
	33- by 95-in	1
	36- by 82-in	1
	38 1/2- by 96-in	2
	44- by 8-in	1
	54- by 24-in	2
	96- by 48-in	1
1670-01-097-8817	Release, cargo parachute, M-2	1
	Sling, cargo, airdrop, type XXVI nylon webbing:	
	For deployment line:	
1670-01-062-6304	9-ft (2-loop)	1

Table 8-1. Equipment required for rigging the M167A2 gun with 1 1/4-ton truck and accompanying ammunition rigged on a type V platform for low-velocity airdrop (continued)

National Stock Number	Item	Quantity
	For lifting:	
1670-01-062-6304	9-ft (2-loop)	2
1670-01-062-6303	12-ft (2-loop)	4
1670-01-063-7761	16-ft (2-loop)	2
	For riser extension:	
1670-01-062-6302	20-ft (2-loop)	20
	For suspension:	
1670-01-062-6309	3-ft (4-loop)	8
1670-01-062-6305	9-ft (4-loop)	2
1670-01-062-6303	12-ft (2-loop)	2
1670-01-062-6307	12-ft (4-loop)	2
1670-00-432-2507	16-ft (4-loop)	2
	Strap:	
1670-00-040-8219	Parachute release, multicut comes w 3 knives	2
1670-00-368-7486	Webbing, nylon (shear strap), 60-in (HAARS)	1
7510-00-266-5016	Tape, adhesive, 2-in	As required
1670-00-937-0271	Tiedown assembly, 15-ft	76
	Webbing:	
8305-00-268-2411	Cotton, 1/4-in, type I	As required

Table 8-1. Equipment required for rigging the M167A2 gun with 1 1/4-ton truck and accompanying ammunition rigged on a type V platform for low-velocity airdrop (continued)

National Stock Number	Item	Quantity
	Nylon:	
	Tubular:	
8305-00-082-5752	1/2-in	As required
8305-00-268-2455	1-in	As required
8305-00-263-3591	Type VIII	As required

GLOSSARY

ACB attitude control bar

AD airdrop

AFB Air Force base

AFR Air Force regulation

AFTO Air Force technical order

attn attention

C change

CB center of balance

d penny

DA Department of the Army

DC District of Columbia

DD Department of Defense

diam diameter

EFTA extraction force transfer actuator

EFTC extraction force transfer coupling

FM field manual

ft foot/feet

gal gallon

HAARS high-altitude airdrop resupply system

HMMWV high-mobility, multipurpose wheeled vehicle

HQ headquarters

in inch

LAPE low-altitude parachute extraction

LAPES low-altitude parachute extraction system

lb pound

LV low-velocity

no number

NSN national stock number

OVE on-vehicular equipment

PEFTC extraction force transfer coupling (platform)

SL/CS static line/connector strap

TM technical manual

TO technical order

TRADOC United States Army Training and Doctrine Command

US United States

w with

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